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SHEET 1 OF 19

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	14 PRATERIES			DOCKET NUMBER ACM 347		APPLICATI 10/734,0		BER
	FORMATION DISC: TION IN AN APPL			APPLICANTS Randall J. Hueb	oner and	Steven P. H	orst	
				FILING DATE December 10, 2	003	GROUP AR 3732	T UNIT	
		U.S.	PAT	ENT DOCUMEN	TS .	<u> </u>		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS		. DATE LPPROP.
æ	583,455	6/1/1897	Bu	ısh				
	1,201,864 10/17/16			ermeyer/				
	1,789,060	1/13/31	W	eisenbach			-	
	1,869,726	8/2/32	Yo	oungren				
	1,869,972	Kl	ine			-		
	1,880,945 10/4/32			Ettinger				
	1,997,466	4/9/35	Lo	ngfellow				
	2,024,325	12/17/35	Al	len		-		
·	2,091,643	8/31/37	Lo	ngfellow				
ger	2,214,490	9/10/40	Th	omas				
		FOREIG	N P	ATENT DOCUME	ENTS			
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRAN YES	ISLATION NO
α	2 553 996	3/18/85	Fr	ance			XX	
æ	2 701 838	9/2/94	Fr	ance			XX	
		ro.	HE	R DOCUMENTS				
æ	The Close	ed Treatment	of (Common Fractures	, Chamle	y, pp. 227-	229, 195	7.
1	External	Fixation – Th	ie C	urrent State of the	Art, Broo	oker et al., p	. 308, 19	79.
				nal Fixation of Fra				
OC	Limb Len Device (H	gthening Sur owmedica Si	gica	l Technique Using cal Technique), Ho	the Hoff	mann TM Exi	ernal Fi -27, 198	xation 3.
EXAMINER	Com?	Cont	<	DATE CONSIDERE		2/05		
								

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SHEET 2 OF 19

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FORM PTO-1				DOCKET NUMBER ACM 347		APPLICA 10/73			JER
	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Hueb	oner and S	Steven P	. Ho	rst	
				FILING DATE GROUP ART UNIT December 10, 2003					
	·	U.S.	PAT	ENT DOCUMEN	rs	<u> </u>			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SU			DATE PPROP.
Œ	2,238,870	4/15/41	Ha	ynes			,		
	2,245,909	6/17/41	En	fiajian					
	2,250,417	7/22/41	Ett	tinger			1		•
	2,251,209	7/29/41	Sta	ader					
	2,252,607	8/12/41	Ва	ker			_		
	2,333,033	10/26/43	Mı	az					
	2,346,346	4/11/44	Anderson						
	2,357,323	9/5/44	Go	ldberg			<u> </u>		
	2,371,519	3/13/45	Ha	ynes					
oc.	2,391,537	12/25/45	An	derson					
		FOREIG	N P.	ATENT DOCUME	ENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SU	JB ASS	TRAN YES	SLATION NO
Ø:	24 37 752	2/26/76	Ge	ermany					XX
oc	27 45 504	4/19/79	Ge	ermany				XX	
		ГО	ΉE	R DOCUMENTS					
Œ	External	Skeletal Fixa	tion	, Mears, pp. 6, 40 a	and 41, 19	983.			
	Clyburn 1	Dynamic Col	les F	Fixator brochure, Z	immer, I	nc., pp. 1	-4,]	1985.	
	Instrumer	its for Length	enii	ng of Extremities bi	rochure p	age, Syn	thes	, May 1	987.
∞	Distal Ra Nov. 1993	dius Fracture	es, A	agee, External Fixa	tion, Vol	l. 9, No.	4, pp	. 577-5	85,
EXAMINER	Oa	060	~	DATE CONSIDERE	8/	22/0	,5		

SHEET 3 OF 19

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FORM PTO-				DOCKET NUMBER ACM 347		APPLICATIO 10/734,01		ER	
	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Huel	oner and	Steven P. Ho	orst		
				FILING DATE December 10, 2	2003	GROUP ART UNIT			
		U.S.	PAT	ENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS		DATE PPROP.	
Q	2,391,693	12/25/45		inger					
	2,393,694	1/29/46	Kii	rschner					
	2,393,831	1/29/46	Sta	der					
	2,393,982	2/5/46	Gie	esen					
	2,406,987	9/3/46	An	derson					
	2,434,431	1/13/48	Pir	cock					
	2,435,850	2/10/48	Sie	brandt					
	2,443,106	6/8/48	Gr	osso					
	2,497,626	2/14/50	Per	sall					
Œ	2,651,302	9/8/53	Be	ту					
		FOREIG	N P	ATENT DOCUM	ENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRAN YES	SLATION NC	
ØC.	36 14 305	11/12/87	Ge	rmany	-		XX		
€	40 21 246	1/9/92	Ge	rmany			XX		
		O	THE	R DOCUMENTS			- 1		
æ		Fixation Sho 7-11, April		Procedure Growth,	Orthope	dic Network	News, \	Vol. 6,	
Q		Paper, Soch		for Use in Metaca et al., <u>Journal of O</u>					
B	Superelea Biomateri	astic Nitinol f als Magazine	for M	Medical Devices, Dernet reprint pp. 1-	uerig et a	il., <u>Medical I</u> 1997.	Plastics a	and	
EXAMINER	Don	o Gov	R	DATE CONSIDERE	ED 8/2	2/05	-		

SHEET 4 OF 19

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			APPLICANTS Randall J. Hue	bner and S	Steven P. Ho	orst	
			FILING DATE December 10, 2	UNIT	***		
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DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS		DATE APPROP.
2,697,433	12/21/54	Zeh	nder				
2,812,761	11/12/57 ⁻	Palk	covitz				
2,823,668	2/18/58	Van	Court et al.				
2,943,859	7/5/60	Kos	ki et al.				
3,128,768	4/14/64	Geis	stauts				
3,164,152	1/5/65	Nice	Nicoll				
3,244,170	4/5/66	McElvenny		_			
3,403,676	10/1/68	Gibl	bons				-
3,643,656	2/22/72	You	ng et al.				
3,654,919	4/11/72	Birt	well				
	FOREIG	SN PA	TENT DOCUM	ENTS			
DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRAN YES	SLATION NO
2 047 540	12/3/80	Uni	ted Kingdom			xx	
2 086 231	5/12/82	Uni	ted Kingdom			XX	
	го	THER	DOCUMENTS	•		:	
Introduci EBI Medi	ing the DFS® cal Systems,	Mult Inc., j	<i>iPlanar™ Distal</i> pp. 15, January 1	! Radius F 998.	`ixation Syst	em broc	hure,
Introduci Medical S	ing the DFS L systems, Inc.,	Dimen , pp. 1	sion™ Distal Ra -2, September 19	dius Fixa 198.	tion System	brochur	e, EBI
					1-6, April 1	999.	
Oom			DATE CONSIDER	ED 8/	22/00	<u></u>	
	DOCUMENT NUMBER 2,697,433 2,812,761 2,823,668 2,943,859 3,128,768 3,164,152 3,244,170 3,403,676 3,643,656 3,654,919 DOCUMENT NUMBER 2 047 540 2 086 231 Introduci EBI Medi Introduci Medical S	U.S. DOCUMENT NUMBER 11/12/57 2,812,761 11/12/57 2,823,668 2/18/58 2,943,859 7/5/60 3,128,768 4/14/64 3,164,152 1/5/65 3,244,170 4/5/66 3,403,676 10/1/68 3,643,656 2/22/72 3,654,919 4/11/72 FOREIC DOCUMENT NUMBER DATE 2 047 540 12/3/80 2 086 231 5/12/82 OTE Introducing the DFS (EBI Medical Systems, Inc., Medical Systems, Inc., Introducing the DFS (EBI Medical Systems, Inc., Inc.	U.S. PATE DOCUMENT DATE 2,697,433 12/21/54 Zeh 2,812,761 11/12/57 Palk 2,823,668 2/18/58 Van 2,943,859 7/5/60 Kos 3,128,768 4/14/64 Geis 3,164,152 1/5/65 Nico 3,244,170 4/5/66 McF 3,403,676 10/1/68 Gib 3,643,656 2/22/72 You 3,654,919 4/11/72 Birt FOREIGN PA DOCUMENT DATE DOCUMENT DATE 2 047 540 12/3/80 Uni 2 086 231 5/12/82 Uni OTHER Introducing the DFS® Multi EBI Medical Systems, Inc., pp. 1	ACM 347 APPLICANTS Randall J. Hue FILING DATE December 10, 3 U.S. PATENT DOCUMENT NUMBER 2,697,433 12/21/54 Zehnder 2,812,761 11/12/57 Palkovitz 2,823,668 2/18/58 Van Court et al. 3,128,768 4/14/64 Geistauts 3,164,152 1/5/65 Nicoll 3,244,170 4/5/66 McElvenny 3,403,676 10/1/68 Gibbons 3,643,656 2/22/72 Young et al. 3,654,919 4/11/72 Birtwell FOREIGN PATENT DOCUM DOCUMENT NUMBER DATE COUNTRY COUNTRY 12/3/80 United Kingdom OTHER DOCUMENTS Introducing the DFS® MultiPlanar™ Distal Ramedical Systems, Inc., pp. 15, January 1 Introducing the DFS Dimension™ Distal Ramedical Systems, Inc., pp. 1-2, September 19 Nitinol Solutions brochure, Raychem Corpore	ACM 347 APPLICANTS Randall J. Huebner and S FILING DATE December 10, 2003 U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS	DOCKET NUMBER APPLICATION APPLICATION APPLICANTS Randall J. Huebner and Steven P. Hotel FILING DATE December 10, 2003 GROUP ART	ACM 347 10/734,017 APPLICATION IN AN APPLICATION APPLICATION IN AN APPLICATION U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS SUB FIL

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FORM PTO-				ACM 347			PLICATIO 0/734,01		BER
•	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Huel	bner and	Steve	en P. Ho	orst	
				FILING DATE GROUP ART UNIT December 10, 2003					
		U.S. 1	PAT	ENT DOCUMEN	TS	<u> </u>			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	5	SUB CLASS		DATE
8	3,701,349	10/31/72	La	rson					
	3,709,218	1/9/73	Ha	lloran					
	3,745,998	7/17/73	Ro	se					4
	3,762,404	10/2/73	Sa	kita					
	3,771,519	11/13/73	Ha	ake					
	3,786,805	1/22/74	То	urin					
	3,835,849	9/17/74	Mo	Guire					
	3,862,631	1/28/75	Αu	stin					
	3,868,952	3/4/75	Ha	tton					
æ	3,901,225	8/26/75	Sc	once					,
		FOREIG	N P.	ATENT DOCUM	ENTS				
- <u>-</u>	DOCUMENT NUMBER	DATE		COUNTRY	CLASS		SUB CLASS	TRAN YES	ISLATION NO
Q	2 219 742	12/20/89	Ur	nited Kingdom		_		XX	
Ø.	WO 96/35385	11/14/96	W	IPO				XX	
		TO	HE	R DOCUMENTS					
Q	Stableloc 1999.	® External F	ixat	ion Systems broch	ure, Acur	ned]	LLC, pp	. 1-8, Ju	ıly
Q	The Penn guide, Ort	ig Dynamic \hofix, pp. 1-8	Wris B, De	t Fixator (Trans-A	rticular A	Appli	ication)	quick re	eference
Œ			_	ator quick reference	ce guide,	Orth	ofix, pp	. 1-3, M	larch
EXAMINER	Oo	00		DATE CONSIDERI	ED -8/	27	105		
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FORM PTO-1				DOCKET NUMBER ACM 347		APPLICATIO 10/734,01	ON NUMBER
	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Hueb	ner and S	Steven P. Ho	orst
				FILING DATE December 10, 20	003	GROUP ART	UNIT
		U.S.	PAT	ENT DOCUMENT	CS.		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
Ø	3,961,854	6/8/76	Jac	luet			
	3,975,032	8/17/76	Ве	nt et al.			
	4,003,096 1/18/77			у			
	4,024,860	5/24/77	Ch	elnokov et al.			
	4,040,130 8/9/77			ure			
	4,096,857 6/27/78			amer et al.			
	4,127,119	11/28/78 K		onner			
	4,135,505	1/23/79	Da	у			
	4,157,713	6/12/79	Cla	rey			
æ	4,185,624	1/29/80	Ge	ntile			
		FOREIG	N P	ATENT DOCUME	NTS		
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
			<u> </u>				
		ro	HE	R DOCUMENTS			
82	The Penn guide, Ort	ig Dynamic hofix, pp. 1-	Wrisi 4, M	t Fixator (Extra-Ai arch 2001.	rticular A	Application)	quick reference
QL .	History o	<i>f External Fi</i> nknown.	xatio	n, Complications o	of Extern	al Skeletal F	ixation, pp. 3-
0e-	Fractures	s in the Pecto	ral I	<i>imb</i> , p. 143, date u	nknown	•	
EXAMINER	0	Ya		DATE CONSIDERED	8	/22/0	15

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					SHEET /	71 17		
			DOCKET NUMBER ACM 347	.			BER	
•			APPLICANTS Randall J. Huel	oner and	Steven P. Ho	orst		
A			FILING DATE December 10, 2	2003	GROUP ART UNIT			
	U.S.	PAT	ENT DOCUMEN	TS			· · ·	
DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS		. DATE APPROP.	
4,187,841	2/12/80	Kn	utson					
4,220,146	9/2/80	Clo	outier					
4,244,360	Do	hogne						
4,258,708	Ge	ntile						
4,266,298	5/12/81	Gr	aziano					
4,271,832	6/9/81	Ev	ans et al.					
4,299,212	11/10/81	Go	udfrooy					
4,308,863	1/5/82	Fis	cher					
4,319,565	3/16/82	Mo	Minn					
4,338,923	7/13/82	Ge	lfer et al.					
	FOREIG	N P	ATENT DOCUM	ENTS				
DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRAN YES	SLATION NO	
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<u> </u>		<u> </u>					<u> </u>	
T-i-T-	01	HE	R DOCUMENTS					
The Use of Extremity	of Mini Fixat , pp. 505-520	ion i), dat	n the Hand, Asche te unknown.	, Clinical	Techniques	in Upp	<u>er</u>	
Richard (unknown.	Colles Fractu	re F	rame description p	age, Smi	th & Nephe	w, p. K-	4, date	
Quo (and the		DATE CONSIDERE	ED &	1/22/05			
	DOCUMENT NUMBER 4,187,841 4,220,146 4,244,360 4,258,708 4,266,298 4,271,832 4,299,212 4,308,863 4,319,565 4,338,923 DOCUMENT NUMBER General A The Use a Extremity Richard of unknown.	U.S. DOCUMENT NUMBER NU	U.S. PAT DOCUMENT NUMBER NUMBER	ACM 347 APPLICANTS Randall J. Huel FILING DATE December 10, 2 U.S. PATENT DOCUMEN DOCUMENT NUMBER A,187,841 A,187,841 A,212/80 A,220,146 A,220,146 A,244,360 A,258,708 A,31/81 A,266,298 A,271,832 A,271,832 A,271,832 A,271,832 A,371/81 A,371/81 A,371/81 A,271,832 A,371/81 A,271,832 A,371/81 A,371/82 APPLICANTS Randall J. Huel FILING DATE NAME NAME AAME AAME AAME AAME AAME AAME A,187,841 A	ACM 347 APPLICANTS Randall J. Huebner and S FILING DATE December 10, 2003 U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS	DOCKET NUMBER APPLICATION FORMATION DISCLOSURE ATION IN AN APPLICATION APPLICANTS Randall J. Huebner and Steven P. Ho FILING DATE December 10, 2003 U.S. PATENT DOCUMENTS DOCUMENT NUMBER 4,187,841 2/12/80 Knutson 4,220,146 9/2/80 Cloutier 4,244,360 1/13/81 Dohogne 4,258,708 3/31/81 Gentile 4,266,298 5/12/81 Graziano 4,271,832 6/9/81 Evans et al. 4,299,212 11/10/81 Goudfrooy 4,308,863 1/5/82 Fischer 4,319,565 3/16/82 McMinn AMCHIONARY FOREIGN PATENT DOCUMENTS OTHER DOCUMENTS OTHER DOCUMENTS OTHER DOCUMENTS OTHER DOCUMENTS OTHER DOCUMENTS General Principles of Fracture Treatment, p. 171, date unknown. The Use of Mini Fixation in the Hand, Asche, Clinical Techniques Extremity, pp. 505-520, date unknown. Richard Colles Fracture Frame description page, Smith & Nephe unknown.	ACM 347 APPLICANTS Randall J. Huebner and Steven P. Horst FILING DATE December 10, 2003 U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS SUB FLASS SUB TRANSITION SUB SUB	

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FORM PTO-1	449		DOCKET NUMBER ACM 347		APPLICA 10/734			BER	
	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Huel	oner and	Steven P.	Hor	rst	
				FILING DATE December 10, 2	2003	GROUP A	GROUP ART UNIT		
		U.S.	PAT	ENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUE			DATE PPROP.
æ	4,338,927	7/13/82	Vo	lkov et al.					
	4,349,017	9/14/82	Sa	yegh					
	4,393,868	7/19/83	Te	ague			-		
	4,409,970	10/18/83	Ca	пе	-		-		•
	4,450,834	5/29/84	Fis	cher			_		
	4,475,546	10/9/84	Pat	tton			-		
	4,483,334	11/20/84	Μι	ırray			\neg	-	
	4,488,542	12/18/84	He	lland			\neg		
	4,502,473	3/5/85	Ha	rris et al.	_				
æ	4,535,763	8/20/85	Jac	luet					
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	 	O7	THE	R DOCUMENTS	4-m-		-		
EL.	Large Le 61-64, da	<i>ngthening Se</i> te unknown.	t and	Small Lengthenin	g Set bro	chure pag	ges,	Synthe	s, pp.
œ	Tibial Le author, an	ngthening Su d date unkno	rgica wn.	al Technique Stage	II descri	iption pag	ge, p	. 9, orig	gin,
E	Fig. 7.1: Positioned	Large Lengtl d in Tibia, p.	henei 7-2,	r Positioned in Fer origin, author, and	nur and I	Fig. 7.2: S	Smai	ll Lengi	hener
EXAMINER	Jane	Conda		DATE CONSIDERE	D F.	122/	E	5	

SHEET 9 OF 19 FORM PTO-1449 DOCKET NUMBER APPLICATION NUMBER **ACM 347** 10/734,017 INFORMATION DISCLOSURE APPLICANTS CITATION IN AN APPLICATION Randall J. Huebner and Steven P. Horst **GROUP ART UNIT** FILING DATE December 10, 2003 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER EXAMINER DATE NAME CLASS SUB FIL DATE INITIAL IF APPROP. Ø 4,541,422 9/17/85 De Zbikowski 4,548,199 10/22/85 Agee 4,584,995 4/29/86 Koeneman 4,611,586 9/16/86 Agee et al. 4,620,533 11/4/86 Mears 4,621,624 11/11/86 Rayboy 4,621,627 11/11/86 DeBastiani et al. 4,628,919 12/16/86 Clyburn 4,628,921 12/16/86 Rousso 40C 4,628,922 12/16/86 Dewar FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY SUB TRANSLATION NUMBER CLASS YES NO OTHER DOCUMENTS 6.13.4.2 Application Technique of the Large Apparatus in the Femur description X page, p. 347, origin, author, and date unknown.

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SHEET 10 OF 19

	INFORMATION DISCLOSURE		DOCKET NUMBER ACM 347	?	APPLICATION 10/734,0		ER		
	FORMATION DISC ATION IN AN APPI			APPLICANTS Randall J. Huel	bner and	Steven P. Horst			
				FILING DATE December 10, 2	T UNIT				
		U.S.	PAT	ENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS		DATE PPROP.	
œ_	4,628,945	12/16/86	Jol	hnson, Jr.					
	4,657,003	4/14/87	W	intz					
	4,662,364	5/5/87	Vi	egas et al.					
	4,662,365	5/5/87	Go	otzen et al.					
	4,664,099	5/12/87	Pe	arl, Jr.					
	4,696,293	9/29/87	Cit	ullo, Jerome V.					
	4,714,076	12/22/87	Co	mte et al.					
	4,730,608	3/15/88	Sc	hlein					
	4,745,913	5/24/88	Ca	staman et al.	_				
æ	4,747,400	5/31/88	Ko	eneman et al.			-	•	
		FOREIG	N P	ATENT DOCUM	ENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB CLASS	TRANS YES	SLATION NO	
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SHEET 11 OF 19 FORM PTO-1449 DOCKET NUMBER APPLICATION NUMBER **ACM 347** 10/734,017 INFORMATION DISCLOSURE APPLICANTS CITATION IN AN APPLICATION Randall J. Huebner and Steven P. Horst FILING DATE **GROUP ART UNIT** December 10, 2003 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER EXAMINER NAME CLASS SUB CLASS FIL. DATE IF APPROP. INITIAL 4,823,781 4/25/89 Buchanan 4,848,368 7/18/89 Kronner 4,862,879 9/5/89 Coombs 4,869,242 9/26/89 Galluzzo 4,895,141 -1/23/90 Koeneman et al. 4,913,137 4/3/90 Azer et al. 4,922,896 5/8/90 Agee et al. 4,923,458 5/8/90 Fischer 4,936,843 6/26/90 Sohngen 4,941,481 7/17/90 Wagenknecht FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB TRANSLATION NUMBER CLASS YES NO OTHER DOCUMENTS

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FORM PTO-	ORM PTO-1449 INFORMATION DISCLOSURE			DOCKET NUMBER ACM 347		AP	PLICATIO 0/734,01	N NUMB	ER
1	FORMATION DISC ATION IN AN APPL			APPLICANTS Randall J. Hueb	oner and S	Stev	en P. Ho	rst	
				FILING DATE December 10, 2	2003	GR	OUP ART	UNIT	
		U.S. I	PAT	ENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAMĖ.	CLASS		SUB CLASS		DATE PPROP.
a	4,942,872	7/24/90	Ja	wish					
	4,976,712	12/11/90	Va	nderSlik	_	-			
	4,978,348	12/18/90	Ilia	zarov		\dashv			
	4,988,349	1/29/91	Pe	nnig	_	\exists			
	4,998,935	3/12/91	Pe	nnig					
	5,003,969	4/2/91	Az	er et al.	_				
	5,014,681	5/14/91	Ne	eman et al.			-		
	5,019,077	5/28/91	De	Bastiani et al.	_	-			
	5,024,618	6/18/91	Те	pic		-			
æ	5,026,372	6/25/91	Stı	ırtzkopf et al.		7			
		FOREIG	N P.	ATENT DOCUME	ENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS		SUB CLASS	TRANS YES	SLATION NO
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SHEET 13 OF 19 **FORM PTO-1449** DOCKET NUMBER APPLICATION NUMBER **ACM 347** 10/734,017 INFORMATION DISCLOSURE APPLICANTS CITATION IN AN APPLICATION Randall J. Huebner and Steven P. Horst FILING DATE **GROUP ART UNIT** December 10, 2003 U.S. PATENT DOCUMENTS DOCUMENT NUMBER EXAMINER DATE NAME CLASS SUB FIL DATE IF APPROP. INITIAL CLASS **@** 5,033,457 7/23/91 **Bonutti** 5,042,508 8/27/91 Richard 5,098,432 3/24/92 Wagenknecht 5,100,403 3/31/92 Hotchkiss et al. 5,102,411 4/7/92 Hotchkiss et al. 5,108,393 4/28/92 Ruffa 5,108,394 4/28/92 Kurokawa et al. 5,108,396 4/28/92 Lackey et al. 5,108,404 4/28/92 Scholten et al. 0 5,122,140 6/16/92 Asche et al. FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS TRANSLATION SUB NUMBER CLASS YES NO OTHER DOCUMENTS 8/22/05 **EXAMINER** DATE CONSIDERED

SHEET 14 OF 19 FORM PTO-1449 DOCKET NUMBER APPLICATION NUMBER **ACM 347** 10/734,017 INFORMATION DISCLOSURE APPLICANTS CITATION IN AN APPLICATION Randall J. Huebner and Steven P. Horst FILING DATE GROUP ART UNIT December 10, 2003 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT DATE NAME CLASS SUB CLASS FIL DATE IF APPROP. INITIAL NUMBER 5,125,400 6/30/92 Johnson, Jr. 5,133,342 7/28/92 Seaton 5,152,280 10/6/92 Danieli 5,160,335 11/3/92 Wagenknecht 5,167,661 12/1/92 Wagenknecht 5,171,310 12/15/92 Chisena 5,203,783 4/20/93 Harle Canadell et al. 5,207,676 5/4/93 5,209,750 5/11/93 Stef 5,254,078 10/19/93 Carter et al. FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB TRANSLATION NUMBER CLASS YES NO OTHER DOCUMENTS **EXAMINER** DATE CONSIDERED

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Q	5,267,951	12/7/93	Ish	ii		-		
1	5,275,599	1/4/94	Zb	ikowski et al.				
	5,281,224	1/25/94	Fac	ccioli et al.				
	5,284,468	2/8/94	Ne	Ison				
	5,286,249	2/15/94	Th	ibodaux				
	5,288,286	2/22/94	Da	vis et al.				
	5,292,322	3/8/94	Fac	ccioli et al.	_			
	5,300,072	4/5/94	Ag	hion				
	5,304,177	4/19/94	Peı	nnig				
0	5,314,426	5/24/94	Pol	hl et al.	_			
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Œ	5,320,622	6/14/94	Faccioli et al.						
	5,320,623	6/14/94	Pe	nnig					
	5,330,474	7/19/94	Liı	1					
	5,334,202	8/2/94	Ca	rter					
	5,342,288	8/30/94	Læ	e et al.					
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	5,352,228	10/4/94	Ku	mmer et al.		-			
	5,376,067	12/27/94	Da	neshvar					
	5,380,322	1/10/95	vai	n den Brink et al.					
Q	5,383,844	1/24/95	Mı	ınoz et al.	_				
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Œ	5,407,421	4/18/95	Go	oldsmith				
	5,437,666	8/1/95	Те	pic et al.				
	5,443,465	8/22/95	Pe	nnig				
	5,571,103	11/5/96	Ва	iley				
	5,601,551	1/22/97	Ta	ylor et al.				
	5,620,442	4/15/97	Ba	iley et al.				
	5,643,258	7/1/97	Ro	bioneck et al.				
	5,658,283	8/19/97	Hu	ebner				- ··· <u></u>
	5,662,648	9/2/97	Fai	ccioli et al.	-		-	
a	5,662,650	9/2/97	Ba	iley et al.				
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	5,683,389	11/4/97	Or	sak				•
	5,709,681	1/20/98	Pe	nnig				
	5,718,669	2/17/98	M	arble				
	5,743,898	4/28/98	Ва	iley et al.			· .	
	5,810,750	9/22/98	Bu	iser			-	
	5,897,555	4/27/99	Cl	yburn et al.				
	5,944,719	8/31/99	Le	ban				
	6,162,223	12/19/00	Or	sak et al.				
	6,203,548 3/20/01 H		He	Helland				
02	6,245,071	6/12/01	Pie	erson	_			
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-	Re. 31,809	1/22/85	Da	nieletto et al.		-					
9	Re. 34,627	5/31/94	Da	vini							
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4	2	4,615,338	10/7/1986	Ilizarov et al.							
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Testing 836261 - Form PTO-1449, 09-MAR-2004, Paper Number 20041118

Document Number	Date	Inventor Names	Classification
US-3,409,013	11-1968	HENRY BERRY	606/1
<u>US-3,587,115</u>	06-1971	No data	623/2.38
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<u>US-4,777,951</u>	10-1988	Cribier et al.	606/194
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	4,782,842	11/8/88	Fie	tti, Jr.				
	5,437,667	8/1/95	Pap	pierski et al.	_			
	5,545,162	8/13/96	Hue	ebner				
	5,624,440	4/29/97	Hue	ebner	_			
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æ	Radius, Cly	<i>xternal Fixation</i> burn, <u>Journal B</u> ly included).	n for C one &	Conuninuted Intra-Arti Joint Surgery, Vol. 6	icular Frac 9, No. 2, p	tures of the p. 248-254,	Distal End February 19	of the 987
00	Dynamic E. 587-602, No.	xternal Fixation ovember 1993 (n of Di abstrac	istal Radius Fractures ct only included).	, Pennig, <u>I</u>	Iand Clinic	, Vol. 9, No.	4, pp.
6 2	Randomized	l Comparison w	ith Sta	nstable Fractures of th ntic External Fixation 1149-1161, 1994 (ab	, Sommerk	amp et al.,	adius. A Pro Journal of B	ospective,
4				Acumed, Inc., June 26		- <u>-</u>	 	
02	Small Bone	Fixator surgica	al techi	nique, Acumed, Inc.,	November	16, 1995.		
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W.	Stableloc™ I	prochure, Acum	ed, Inc., January 29, 1	996.					
CE	Small Bone I	Fixator brochure	c, Acumed, Inc., Marc	h 26, 1996.	 				
gr	Small Bone I	ixator brochure	, Acumed, Inc., Septe	mber 10, 1996	5.				
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or	Intra-Articula Joint Surgery	ar Fractures of Vol. 80-A, No.	the Distal Aspect of the 4, pp. 582-600, April	ie Radius, Trui 1998.	mble et al., <u>Jou</u>	rnal of Bo	ne &		
el	Stableloc™ I	external Fixation	n Systems brochure, A	Acumed, Inc., I	July 22, 1999.				
a	Load-Displac on Motion, W included).	cement Behavior olfe et al., <u>Jour</u> r	r in a Distal Radial Final of Bone & Joint Su	racture Model urgery, Vol. 81	The Effect of S	Simulated 99 (abstra	Healing act only		
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æ	Nonbridging	system brochur	e, Nakash	ima Medical, dat	te unknow	n.			
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